

ALEKSEYEV, F.A., prof., doktor geol.-miner.nauk, red.; KALANTAROV, A.P.,
vedushchiy red.; POLOSINA, A.S., tekhn.red.

[Nuclear geophysics; collection of articles on the use of radioactive isotopes and radiations in petroleum geology] Iadernaya geofizika; sbornik statei po ispol'zovaniyu radioaktivnykh izlucheni i izotopov v geologii nefi. Moskva, Gos.nauchno-tekhn.isd-vo nefi. i gorno-toplivnoi lit-ry, 1959. 370 p. (MIRA 13:2)

(Prospecting--Geophysical methods)
(Petroleum geology)

YEROFEYEV, H.S.; KOZLOV, A.L.; SAVCHENKO, V.P.; YELIN, N.D.; ALEKSIN, A.G.;
MAKSIMOV, S.P.; DAKHNOV, V.H.; SEMELEV, A.A.; KOZHUKHOV, V.A.;
ANDRIANOV, N.I.; KOPOSOV, I.A.; YENIKHEYEV, P.H.; KALANTAROV, A.P.,
vedushchiy red.; TROFIMOV, A.V., tekhn.red.

[Efficient method of prospecting for gas fields; studies of the
temporary commission of the State Scientific and Technical
Committee of the U.S.S.R.] Ratsional'naya metodika razvedki
gazovykh mestorozhdenii; materialy vremennoi komissii GNTK SSSR.
Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry,
1960. 125 p. (MIRA 13:3)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy nauchno-tekhnicheskii
komitet.
(Gas, Natural) (Prospecting)

TEODOROVICH, G.I., prof., otv. red.; KALANTAROV, A.P., red.; POLYAKOVA,
T.V., tekhn. red.

[Mineralogy and facies of bituminous formations in some provinces
of the U.S.S.R.] Mineralogiia i fatsii bituminoznykh svit riada
oblastei SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 245 p.
(MIRA 16:2)

1. Akademiya nauk SSSR. Laboratoriya mineralogii i formirovaniya
bituminoznykh svit.

(Bitumen—Geology)

MAKSIMOVA, Svetlana Viktorovna; TEODOROVICH, G.I., prof., doktor
geol.-miner. nauk, otv. red.; KALANTAROV, A.P., red.;
SUSHKOVA, L.A., tekhn. red.

[Sedimentation and the history of the development of the
Kuznetsk Basin in the Lower Carboniferous] Osadkonakoplenie
i istoriia razvitiia Kuznetskoi kotloviny v nizhnemekanenno-
ugol'noe vremia. Otv. red. G.I.Teodorovich. Moskva, Izd-
vo AN SSSR, 1963 p. 89 p. (MIRA 16:9)
(Kuznetsk Basin--Geology, Stratigraphic)

ALEKSEYEVA, I.V.; RODIONOVA, M.K.; ALIYEV, M.M., akadem.,otv.red.;
KALANTAROV, A.P., red.; RYLINA, Yu.V., tekhn. red.

[Lower Cretaceous and Paleogene foraminifers in western
Turkmenia] Foraminifery nizhnego mela i paleogena Zapadnoi
Turkmenii. Moskva, Izd-vo AN SSSR, 1963. 91 p.

(MIRA 17:1)

1. Akademiya nauk Azerb.SSR (for Aliyev).

ASTROVA, Galina Georgiyevna; SARYCHEVA, T.G., otv. red.; KALANTAROV,
A.P., red.

[Morphology, history of the development, and the system of Ordovician
and Silurian Polyzoa.] Morfologii, istoriia razvitiia i sistema ordo-
vikskikh i siluriiskikh mshanok. Moskva, Nauka, 1965. 431 p. (Akademiia
nauk SSSR. Paleontologicheskii institut. Trudy, no.106) (MIRA 18:5)

OBUT, Aleksandr Mikhaylovich; SOBOLEV'SKAYA, Rimma Fedorovna;
BONDAREV, Valentin Il'ich; SOKOLOV, B.S., prof., otv.
red.; KALANTAROV, A.P., red.

[Silurian graptolites of the Taymyr Peninsula] Graptolity
silura Taimyra. Moskva, Nauka, 1965. 119 p.

(MIRA 18:8)

1. Chlen-korrespondent AN SSSR (for Sokolov).

SOKOLOV, B.S., otv. red.; DUBATOLOV, V.N., otv. red.; KALANTAROV,
A.P., red.

[Transactions of the First All-Union Symposium on the
Study of Fossil Corals] Trudy Vsesoyuznogo simpoziuma po
izucheniiu iskopaemykh korallov. Moskva, Nauka. No.1-2.
1965. (MIRA 18:9)

1. Vsesoyuznyy simpozium po izucheniyu iskopayemykh korallov.
1st, Novosibirsk, 1963.

MIRCHINK, M.F.; KHA...AN, R.O.; GROMERA, V.I.; ...KIN,
Yu.B.; MKRTCH...O.M.; NARTOV, G.V.; KALAM...A.P.,
red.

[Tectonics and the zones of oil and gas accumulation in
the system of the Kama-Kinel' troughs] Tektonika i zony
neftegazonakopleniia Kamsko-Kinel'skoi sistemy progibov.
Moskva, Nauka, 1965. 212 p. (MIRA 18:11)

1. Moscow. Institut geologii i razrabotki goryuchikh isk-
payemykh.

SOKOLOV, B.S., otv. red.; IVANOVSKIY, A.B., otv. red.; KALANTAROV,
A.P., red.

[Paleozoic Rugosa of the U.S.S.R.; transactions] Rugozy
paleozoya SSSR; trudy. Moskva, Nauka, No.3. 1965. 89 p.
(MIRA 19:1)

1. Vsesoyuznyy simpozium po izucheniyu iskopayemykh ko-
rallov SSSR, 1st.

SA

B64
h

62 621.315.626 : 621.3017.143 -- 82
The variation of dielectric losses in h.v. bushings with
temperature. KALANTAROS, A. W., AND SHMIDT-
GLOW, A. P. *Elect. St.*, Nov. 13-14, pp. 26-30, Feb.
1941. U. S. S. S. R.

1ST AND 2ND COUSINS																										3RD, 4TH, 5TH COUSINS																									
PROCESSES AND PROPERTIES INDEX																																																			
<p>SA</p> <p>Non-destructive insulation tests on large power transformers. KALANTAROV, A. V. <i>Elektr. St.</i> 59 (No. 3) 27-35 (1966) in Russian. Contemporary Russian test methods on transformers from 750 to 20,000 kVA are described and illustrated by tables and curves. Perforator checks indicate the general state of insulation; leakage tests are useful for local peeping of windings; comparison measurements at 20°C and at 70°C, particularly of capacitance, indicate moisture content of interwinding insulation. Routine tests are described for use on transformers in service and after overhaul. A. L.</p>																																																			
<p>ASB-56A METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			
<p>1ST AND 2ND COUSINS</p>																																																			

S.A.
sect. B

Measurements

621.317.333 : 621.313.325.045.3
2246. Investigation of motor winding insulation of a
synchronous condenser. G. B. ISRAELI AND A. V.
KALANTAROV. *Elektr. St.*, No. 1, 33-5 (1952) in
Russian.

Points out that, owing to the difficulty of simulating
in the laboratory the aging of insulation in service,
more useful results can be obtained if insulation tests
are carried out on a section of the winding taken from
a machine after a prolonged period of operation.
The method is described for conducting such tests on
sample winding sections taken from the machine and
its spare coils, the machine being a 15 000 kVA
6.6 kV Class B insulated synchronous condenser of
26 000 service-hours at full load. It is stated that the
usual tests on the complete machine in service for
dielectric loss and h.v. "flash" tests gave no sign of
any aging of insulation. The tests conducted by the
authors on the winding samples consisted of loss
angle, capacitance, leakage current and breakdown
voltage on a.c. and rectified d.c. supplies at tempera-
tures of 18°C and from 65°C to 79°C. It is concluded
that these tests clearly show a considerable reduction
of breakdown voltage values with the length of time
the machine has been in service, but that on a.c. the
value is still 3 times line voltage; also that the ratio
of b.d.v. on rectified d.c. to that on a.c. supply, which
is 1.9 for unused winding sections and 2.3 for sections
after service, indicates the need for conducting insula-
tion tests on rotating machinery at rectified d.c.
voltages as well as on a.c.

I. WICKHAM

KALANTAROV, A. V., Eng. ; NADEL'SON, R.G.

Bakelite

Relation of the dielectric properties of bakelite insulation to temperature.
Elek. sta., 23, No. 6, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952 UNCLASSIFIED.

USSR/Electricity - Insulation, Testing of

Mar 53

"Four Articles on Preventive Testing of Insulation"

Elek Sta,²⁴ No 3, pp 31-40

These four articles on preventive testing of insulation cover the following topics: selection of test voltages for elec machines (Engr N. A. Kozyrev); tests on elec machines with a stepped-up voltage (Engrs G. B. Izrayelit and A. V. Kalantarov; tests on generator stator windings (Ye. G. Faynshteyn, Cand Tech Sci); tests on generators with rectified voltage (Engr Ya. S. Kolin). The articles are introduced as a group with editorial note emphasizing importance of preventive testing of insulation in reducing breakdowns of elec machines.

PA 255T60

KALANTAROV, D.

USSR/Electronics - Literature

Jan 52

"Radio Engineering Literature in 1952," D. Kalantarov,
Dir Gosenergoizdat

"Radio" No 1, pp 61-62

Lists books published by Svyaz'izdat in 1951, and those
planned for publication in 1952 and 1953. Also lists
books published by Gosenergoizdat in its "Mass Radio
Library" series in 1951; in 1952, Gosenergoizdat in-
tends to publish 40 issues in this series, comprising
over a million copies in all.

239760

RYBAKOV, Anatoliy Ivanovich; KALANTAROV, D.Ye., red.; BUKOVSKAYA,
N.A., tekhn. red.

[Stomatitides] Stomatity. Moskva, Izd-vo "Meditsina,"
1964. 146 p. (MIRA 17:3)

*

KASHIRIN, Valentin Nikolayevich; KALANTAROV, D.Ye., red.

[Science of dental materials] Zubotekhnicheskoe materialovedenie. Moskva, Izd-vo "Meditsina," 1964. 263 p.
(MIRA 1715)

KALANTAROV, I.A.

Kalantarov, I.A. "Metaxenies in the cotton plant", Izvestiya Akad. nauk UzSSR, 1948, No. 3, p. 103-13, (Resume in Uzbek).

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No.9 , 1949)

KALANTAROV, K. D.; Master Biol Sci (diss) -- "The effect of oxygen on radiation injury". Moscow, 1958. 16 pp (Moscow Order of Lenin and Order of Labor Red Banner State U im M. V. Lomonosov), 130 copies (KL, No 6, 1959, 129)

KALANTAROV, K.D.

KALANTAROV, K.D.

Upper limit of oxygen concentration in irradiation injury of yeast
[with summary in English]. Biofizika 3 no.1:111-113 '58.

(MIRA 11:2)

1. Moskovskiy gosudatstvennyy universitet im. M.V.Lomonosova.
(YEAST) (RADIATION--PHYSIOLOGICAL EFFECT)
(OXYGEN--PHYSIOLOGICAL EFFECT)

TAMBIYEV, A.Kh.; KALANTAROV, K.D.

Methods for the irradiation and incubation of micro-organisms
at various gas pressures. Vest.Mosk.un.Ser.biol.,pochv.,geol.,
geog. 13 no.4:57-58 '58. (MIRA 12:4)

1. Kafedra biofiziki Moskovskogo universiteta.
(RADIOBIOLOGY—EQUIPMENT AND SUPPLIES)

KALANTAROV, K.D.

The upper oxygen limit in after-effect reactions of radiation injuries. Med.rad. 4 no.6:89 Je '59. (MIRA 12:8)

(OXYGEN, eff.

on radiation sensitivity (Rus))

(RADIATIONS, eff.

eff. of oxygen on sensitivity (Rus))

GULYAYEVA, E.G.; KALANTAROV, K.D.

Protection from radiation of beta applicators. Nov. med. tekhn.
no. 1:54-56 '60. (MIRA 14:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh
instrumentov i oborudovaniya.
(RADIATION PROTECTION)

ZABLOTSKIY, P.F.; KALANTAROV, K.D.; LYASS, F.M.; EL'KIND, E.Yu.;
FALILEYEVA, Ye.P.

Method for gamma-topography (scanning) in clinical diseases of the
thyroid gland. Med.rad. no.11:35-40 '61. (MIRA 14:11)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo instituta meditsin-
skogo instrumentariya i oborudovaniya, Instituta neyrokhirurgii ime-
ni akad N.N. Burdenko AMN SSSR i Gosudarstvennogo onkologicheskogo
instituta imeni P.A. Gertsena.
(THYROID GLAND--DISEASES) (AUTORADIOGRAPHY)

KALANTAROV, K.D.; DELYAKOV, V.A.; VOLKOV, V.A.; GULYAYEVA, Ye.G.
SHVYRKOVA, I.I.

Production of a dosimetric device for the registration of
 β -activity within the body cavities in oncological practice.
Med.rad. 6 no.4:73-75 '61. (MIRA 14:12)
(RADIOMETER) (TUMORS--RADIOGRAPHY)

SMIRNOV, I.P., kand. tekhn.nauk, otv. red.; PEKARSKIY, M.D.,
kand. tekhn. nauk, zam. otv. red.; BOLDYREV, B.V.,
red.; VOLODIN, Ye.A., red.; GAYSINSKIY, B.Ye., red.;
DANIL'CHENKO, Ye.P., red.; KABATOV, Yu.F., red.;
KALANTAROV, K.D., red.; MISHIN, L.N., red.; ORSKIY, I.N.,
red.; FEDURKIN, V.V., red.; TSEPELEV, Yu.A., red.

[Materials of the scientific session devoted to the 25th
anniversary of the All-Union Scientific Research Insti-
tute for Medical Instruments and Equipment] Materialy
nauchnoi sessii, posviashchennoi 25-letiiu VNIIMIO. Mo-
skva, 1962. 65 p. (MIRA 17:2)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
meditsinskogo instrumentariya i oborudovaniya. 2. Zame-
stitel' direktora Vsesoyuznogo nauchno-issledovatel'skogo
instituta meditsinskogo instrumentariya i oborudovaniya
(for Pekarskiy). 2. Direktor Vsesoyuznogo nauchno-
issledovatel'skogo instituta meditsinskogo instrumentariya
i oborudovaniya (for Smirnov).

KALANTAROV, M. I.

Kalantarov, M. I. - "The electrification of Nakhichevan ASSR," Izvestiya Akad. nauk Azerbaydzh. SSR, 1949, No 5, p. 18-20, (In Azerbaijani, resume in Russian)

SO: U-5240, 17. Dec. 53. (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

Kalantarov, M. I.

AID P - 2023

Subject : USSR/Electricity

Card 1/1 Pub. 27 - 27/31

Author : Kalantarov, M. I., Kand. of Tech. Sci.

Title : Classes of agricultural consumers

Periodical : Elektrichestvo, 4, 86, Ap 1955

Abstract : The author disagrees with the "Rules for the Establishment of Electrical Installations" as concerns the division of consumers. Agricultural receivers of electric power are classified in these Rules under the third class as intermittent consumers, a classification which does not correspond to reality. Almost all agricultural electrical equipment requires a steady supply of power. The author suggests an amendment of the Rules.

Institution: None

Submitted : No date

KALANTAROV, M.I.

Requirements for electrical power of various types of farm production. Trudy VNIIN AN Azerb. SSR 13:75-83 '56. (Electricity in agriculture)

MLRA 10:4)

KALANTAROV, M.I.

Use of high-voltage pulses in cotton growing. Dokl. AN Azerb. SSR 17
no. 1:25-29 '61. (MIRA 14:3)

1. Institut energetiki AN Azerb. SSR. Predstavleno akademikom AN Azerb. SSR
V. R. Volobuyevym.
(Cottonseed)

GUSEYNOV, F. G.; KALANTAROV, M. I.; ISMAYLOV, I. D.

Methods for slowing down low-power generators. Izv. AN Azerb.
SSR. Ser. fiz.-mat. i tekhn. nauk no. 2:69-74 '62.
(MIRA 15:10)

(Electric generators)

KALANTAROV, M.I.

Automatic control circuit for an electrodynamic brake of low-power generators. Za tekh.progr. 3 no.3:12-14 Mr '63. (MIRA 16:10)

1. Institut energetiki im. I.G.Yes'mana AN AzerbSSR.

BELOTSERKOVSKIY, Grigoriy Bentsionovich; BABKIN, N.I., inzh.,
retsenzent; ZHDANOV, V.K., inzh., retsenzent; KALANTAROV,
M.N., inzh., retsenzent; TELEZHKO, M.I., inzh., retsenzent;
FAKTOROVICH, M.D., inzh., retsenzent; FEDOTOV, M.D., inzh.,
retsenzent; SAMOYLOV, G.V., inzh., red.; IVANOV-TSYGANOV,
A.I., kand. tekhn. nauk, red.; BOGOMOLOVA, M.F., red. izd-va;
ROZHIN, V.P., tekhn. red.

[Antennas]Antenny. Izd.2., perer. i dop. Moskva, Oborongiz,
1962. 491 p. (MIRA 16:2)
(Antennas (Electronics))

OKUN', Yevsey L'vovich; KALANTAROV, M.N., retsenzents; STREL'NIKOV,
M.T., retsenzents; SHAL'NIKOV, G.I., nauchn. red.;
NIKITINA, M.I., red.; KLIMINA, Ye.V., red.; SACHUK, N.A.,
red.; KVOCHKINA, G.P., red.

[Radio transmitting devices] Radioperedaiushchie ustroistva.
Izd.2., perer. i dop. Leningrad, Sudostroenie, 1964. 539 p.
(MIRA 17:5)

BELOTSERKOVSKIY, Grigoriy Dentsionovich; KALANTAROV, M.M., inzh.,
retsenzent; FASTOVSKIY, I.A., kand. ~~tekh. nauk~~,
retsenzent; OKUN', Ye.L., inzh., nauchn. red.; KVOCHKINA,
G.P., red.

[Oscillatory circuits and filters] Kolebatel'nye kontory i
fil'try. Leningrad, Sudostroenie, 1965. 135 p.
(MIRA 18:8)

KALANTAROV, O.

Let us make sure that we avoid the unnecessary in design and construction. Mor.flot 16 no.2:5-7 F '56. (MLRA 9:5)

1. Glavnyy inzhener Upravleniya kapital'nogo stroitel'stva.
(Harbors)

KALANTAROV, O.

Lowering the estimated cost of housing construction. Mor.flot. 17
no.2:9-10 F '57. (MIRA 10:3)

1. Glavnyy inzhener Upravleniya kapital'nogo stroitel'stva Minister-
stva morskogo flota.
(Construction industry--Costs)

KALANTAROV, O.

Major construction during the seven-year plan. Mor. flot no.6
supplement; 8-11 '59. (MIRA 12:9)

1. Glavnyy inzhener Upravleniya kapital'nogo stroitel'stva
ministerstva morskogo flota.
(Construction industry)

KALANTAROV, P. I.

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KALANTAROV, Yu.M.

The editorial and publishing council. Izv. ASIA no. 4, 125-126 '60.
(MIRA 14:4)

1. Nauchnyy redaktor Redaktsionno-izdatel'skogo soveta Akademii
stroitel'stva i arkhitektury SSSR.
(Bibliography--Construction industry)

KALANTAROVA, M.S.

USSR/ Chemistry of High-Molecular Substances

F.

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11929

Author : Regirer Ye.I., Kalantarova M.S.

Title : On Procedures of Recording and Interpretation of Thermomechanical Curves

Orig Pub : Kolloid. zh., 1955, 17, No 6, 439-451

Abstract : Recording of thermomechanical curves (TMC) of polymers having two limit points was effected according to previously described procedures (Kargin V.A., Sogolova T.I., Zh. fiz. khimii, 1949, 23, 530). For recording TMC, use can be made of any instruments suitable for measuring the deformations of a specimen within a wide range of temperature. Pointed out is the correlation between TMC and other deformation characteristics of a polymer. TMC can be considered as a section, along the time axis, of the "surface of mechanical properties of the polymers" plotted for the given load as a tridimensional diagram: deformation, time and temperature. It is noted that in the case of some polymers the limit points are shifted following heating.

Card 1/2

A-U Sci Res Inst. Sound Recording, Moscow

KALANTAROVA, M. S.

REGISTR, Ye. I.; KALANTAROVA, M. S.

One more on the thermomechanical curves. Koll. shur. 19 no. 6: 752-755
N-D '57. (MIRA 11:1)

(Thermochemistry)

S/081/61/000/009/011/015
B101/B203

AUTHORS: Barkova, M. V., Kalantarova, M. S.

TITLE: Possibility of using a fluoroplast basis for producing highly resistant magnetic tape

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 9, 1961, 544, abstract 9130 (9P30) ("Tr. Vses. n.-i. in-ta zvukozapisi", 1959, vyp. 6, 105-118)

TEXT: The authors give a brief survey of highly resistant bases used abroad for producing magnetic tapes (MT). Tests were carried out on the suitability of a film made of fluoroplast, type "ftorofol", as a basis for MT. Two formulas were elaborated for magnetic lacquer containing magnetic powder with needle-shaped particles (gamma iron oxide) type M13-3 (MPZ-3) and medium-viscous fluoroplast type C-42 (S-42), one formula using phenolic resin type BAY (VDU), the other an epoxy resin type EA-6 (ED-6). The formulas given guarantee stability of the lacquer, good surface quality of the magnetic layer, and good adhesion to the highly

Card 1/2

Possibility of using a fluoroplast...

S/081/61/000/009/011/015
B101/B203

resistant fluoroplast basis. A brief characteristic is given of the
physicomechanical and electroacoustic properties of MT on a fluoroplast
basis. [Abstracter's note: Complete translation].

Card 2/2

ARNOLD, R.R.; KALANTAROVA, M.S.; SKOTNIKOV, V.Ya.

Study of different types of magnetic recording heads with cores
made of new magnetic materials. Trudy VNAIZ no.7:18-34 '60.
(MIRA 14:4)

(Magnetic recorders and recording) (Cores (Electricity))

BARKOVA, M.V.; KALANTAROVA, M.S.; MURASHOVA, N.V.

Adhesive tapes for splicing magnetic recording tapes. Trudy VNAIZ
no.7:68-79 '60. (MIRA 14:4)
(Magnetic recorders and recording)

27413

S/187/10/000/012/002/005
D035/D/13

9,7910

AUTHORS: Arnol'd, R.R.; Kalantarova, M.S.; Skotnikov, V.Ya.

TITLE: The use of new soft magnetic materials in magnetic heads

PERIODICAL: Tekhnika kino i televideniya, 1960, no. 12, 13-20

TEXT: The authors discuss the possibility of using new soft magnetic materials in the magnetic head cores of sound recorders. Information is given on new alloys developed at the Institut pretsizionnykh splavov TsNIICHM (Institute of Precision Alloys of the TsNIICHM), and on their application which was investigated at the Institut zvukozapisi (Institute of Sound Recording). The main purpose of the investigations was to develop alloys with an increased wear resistance at a higher specific electric resistance and a higher initial permeability. Low-nickel (starting with 35-40% Ni) and high-nickel (starting with 79-80% Ni) alloys with various components, including some strengthening and carbide-forming elements together with an increased carbon content, were studied and technological methods for the production of new ferroaluminum alloys were investigated; these alloys known

Card 1/3

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S/187/60/000/012/002/005
D035/D113

The use of new...

as "alfenol" (1016 [Yul6]) and "termenol" (1016M [Yul6M]) are superior to ferronickel alloys. The following two new alloys were developed: (a) the 79HXO (79NKhO) alloy, based on a 78% ferronickel alloy with chrome and lead additions, which has initial permeability of up to 30,000 Gs/Oe at an electric resistance of 0.65 ohm·mm²/m and high resistance to mechanical deformation; (b) the 38HC5 (38NS5) alloy, based on a 38% ferronickel alloy with a silicon addition, which has initial permeability of up to 5,000 Gs/Oe at an electric resistance of up to 1.08 ohm·mm²/m. These alloys can be successfully substituted for the 80HXC (80NKhS), 79HM (79NM), and 50 HXC (50NKhS) alloys. A new method of measuring the wear resistance of thin laminar materials, devised by the Institute of Sound Recording is described. The method consisted in subjecting a 7x25mm plate, 0.15-0.30 mm thick, to abrasive wear by a magnetic tape (100 m) in order to find out how much of the plate was rubbed off. A PMT-3 (PMT-3) instrument for measuring the microhardness (135-fold magnification) and a "type 1" tape which had a speed of 76 cm/sec and a tension of 250 g, were used. In order to find out if the 80NKhS alloys can be replaced by the 79NKhO and 38NS5 alloys, etc., the Institute of Sound Recording also tested the alloys directly in the magnetic heads. For this purpose the B-01 (V-01), 3 -01 (Z-01), and MF-28 (MG-28) magnetic heads were used. The results of these tests are indicated in terms

Card 2/3

27413

S/187/60/000/012/002/005
D035/D113

The use of new...

of the quality factor, the shunt coefficient (ratio between the useful magnetic flux through the head and the magnetic flux of the tape), and the parallel loss resistance. The dependence of the initial electroacoustic parameters of the heads on mechanical effects occurring during the pressing-out and gluing of the tempered plates into packets was measured on a ballistic device. The results of these magnetic measurements (change in magnetic properties) are given. There are 3 figures, 5 tables, 3 Soviet-bloc and 3 non-Soviet-bloc references. The three references to the English-language publications read as follows: Rettinger, M., Magnetic head wear investigation, JSMPTE, 1955, 64, no. 4, 179-183; Lufcy, E.W., Heath, W.T., Alloy improves magnetic recording, Electronics, 1955, 28, no. 6, 137-139; Nachman, J.F., Buehler, W.J., 16 percent aluminum-iron alloy cold rolled in the order-disorder temperature range, J. Appl. Phys., 1954, 25, no. 3, 307-313.

Card 3/3

KALANTAROVA, M.S.

Very strong base materials for magnetic tapes. Trudy VNAIZ no.
10:119-129 '62. (MIRA 16:11)

KALANTAROVA, M. V.

KALANTAROVA, M. V.: "Investigation of changes in fish during the preparation and canning of fish in tomato sauce." Moscow Technical Inst of the Fish Industry and Economy imeni A. I. Mikoyan. Moscow, 1956.
(Dissertation for the Degree of Candidate in Technical Sciences).

SO: Knishnaya Letopis', No 23, 1956

KALANTAROVA, M.V., kand.tekhn.nauk.

**Changes in the weight and moisture content of fish during the
manufacture and storage of canned products prepared with tomato
sauce. Trudy VNIRO 35:23-28 '58. (MIRA 11:11)**

**1. Kaspiyskiy filial Vsesoyuznogo nauchnogo instituta morskogo
rybnogo khozyaystva i okeanografii..
(Fish, Canned)**

KALANTAROVA, Margarita Valerianovna; KOROBCHIKINA, Z.S., red.;
TENYAKOV, A.I., spets. red.; FORMALINA, Ye.A., tekhn. red.

[Technological and chemical specifications for canned fish
products] Tekhno-khimicheskie pokazateli rybnykh konservov.
Moskva, Vses. nauchno-issled. in-t rybnogo khoz. i okeanogra-
fii, 1960. 18 p. (MIRA 14:5)

(Fish, Canned)

~~KALANTAROVA, Margarita Valerianovna; RUMYANTSEVA, M.B., red.;~~
~~POLUYEKHINA, N.I., tekhn. red.~~

[Use of infrared rays in the processing of sardines] Pri-
gotovlenie sardin s primeneniem infrakrasnogo izlucheniia.
Moskva, Narodnoe khoziaistvo, 1962. 23 p. (MIRA 16:7)
(Fish, Canned) (Infrared heating)

KALANTAROVA, N.A., kandidat meditsinskikh nauk.

Mass screening and dispensary treatment of large groups of rural female population. Akush. i gin. no.5:62-64 8-0 '55. (MLRA 9:1)

1. Iz Rostovskogo-na-Donu instituta akusherstva i ginekologii (dir.- kandidat meditsinskikh nauk F.S. Baranovskaya, nauchnyy rukovoditel'-prof. P.Ya. Lel'chuk)

(GYNECOLOGICAL DISEASES, ther. prev. and control in rural conditions in Russia)

(PUBLIC HEALTH in Russia, dispenserisation of women in rural conditions)

(RURAL CONDITIONS dispenserisation of women in Russia)

KALANTAROVA, N.A., starshiy nauchnyy sotrudnik

Examination of ovarian tissue: in a uterine fibromyoma in women of childbearing age. Sbor. nauch. trud. Rost. gos. med. inst. no. 21:327-336 '63.

Some indices of estrogenic stimulation in uterine fibromyomas in patients of childbearing age. Ibid.:337-346

Estrogen content of the urine in patients of childbearing age with uterine fibromyomas. Ibid.:347-352 (MIRA 17:11)

1. Iz akushersko-ginekologicheskogo sektora (zav. - kand. med. nauk L.Ya. Blushteyn) i patomorfologicheskoy laboratorii (zav. - dotsent A.L. Shvarts) Rostovskogo-na-Donu instituta o'usherstva i pediatrii (dir. - kand. med. nauk F.S. Baranovskaya), konsul'tant - prof. P. Ya. Lel'chuk.

KALANTAROVA, N. M.

Andryushchenko, P. A. and Kalantarova, N. M. "Cytobacterioscopy of smears from the cervix and the vagina under the influence of gramicidin", Sbornik nauch. trudov (Rost, obl. nauch.-issled. akushersko-ginekolog. in-t), Issue 8, 1948, p. 68-71.

So: U-3261, 10 April 1953 (Letopis 'Zhurnal 'nykh Statey, N_o. 12, 1949).

KALANTAROVA, N. M.

KALANTAROVA, N.M.

Treatment of trichomonal colpitis with eucalyptus. Vop.okh.mat.i
det. 2 no.3:83-84 My-Je '57. (MLRA 10:7)

1. Iz Rostovskogo oblastnogo nauchno-issledovatel'skogo instituta
akusherstva i ginekologii (dir. - kandidat meditsinskikh nauk
F.S.Baranovskaya, nauchnyy rukovoditel' prof. F.Ya.Iel'chuk)
(TRICHOMONAS) (VAGINA--DISEASES) (EUCALYPTUS)

116

KALANTAROVA, Ye. K.
CA

Estrogenic hormones in urine of patients with hemor-
ragic metropathy. E. K. Kalantarova and G. V. Ordynets
(Acad. Med. Sci., U.S.S.R.). *Atkhiziro i Ginekol.*
1949, No. 3, 33-6. -- In the majority of cases the estrogen
level in the urine is supernormal (100-400%) at all times;
all 3 fractions of the hormones are present, with predomi-
nance of estradiol. The results indicate an estrogenic
hyperfunction of the ovaries. G. M. Koudapoff

KALANTAROVA, Ye. K.

~~SECRET~~
Faermark's specific biologic test for estradiol. Akush.gin. No.6:
32-35 Nov-Dec 50. (CIML 20:5)

1. Of the Endocrinological Office of the Institute of Obstetrics
and Gynecology, Ministry of Public Health (Director--L.O.Stepanov.)

DRIGO, Ye.F.; KALANTAROVA, Ye.K.

Electrocardiographic observations in acute cerebral hemorrhage.
Zhur. nerv. i psikh. 60 no. 6:659-664 '60. (MIRA 13:12)

1. Institut nevrologii (dir. - prof. N.V. Konovalov) AMN SSSR,
Moskva.

(ELECTROCARDIOGRAPHY) (BRAIN—HEMORRHAGE)

DRIGO, Ye. F.; KALANTAROVA, Ye. K.

Changes in the electrocardiogram in acute disorders of cerebral
blood circulation. Nauch. trudy Inst. navr. AMN SSSR no.1:
225-232 '60. (MIRA 15:7)

1. Institut nevrologii AMN SSSR.

(CEREBROVASCULAR DISEASE) (ELECTROCARDIOGRAPHY)

USSR/Cultivated Plants - Grains.

M-2

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29705

Author : Kalantaryan, L.I.

Inst :

Title : A Comparative Study of the Pollen Grains of Hybrid Corn
Obtained by Diverse Pollination Methods.

Orig Pub : Izv. AN ArmSSR, biol. i s.-kh. n., 1956, 9, No 3, 109-
114 (rez. arm.)

Abstract : In tests at Yerevan University a study was made of the pollen of Belozernaya 10 and Severokavkazskaya zhelt-zelenaya 1 corn varieties in plants obtained by free pollination, inbreeding, hybridization and inbreeding with extra foreign pollen. The pollen grains of hybrid plants and plants arising from inbreeding foreign pollination are larger than those of plants obtained by inbreeding and free pollination. The inbred generation produced the largest percentage of deformed pollen grains.

Card 1/2

OGANESYAN, A.G., kand.tekhn.nauk; KALANTARYAN, L.K., inzh.; SARKISYAN, A.M.,
inzh.; BABELYAN, S.M.; MELKUMYAN, D.A., teknik

Synthesis of new rubberlike copolymers. Sbor. nauch. trud. ErPI
no. 20:215-234 '59. (MIRA 14:5)
(Polymers--Synthesis) (Rubber, Synthetic)

15.9.02

31.9.37

5/138/62/000/003/001/006

A051/A126

AUTHORS: Karapetyan, A. G., Khaykina, Kh. S., Mosinyan, I. S., Kalantaryan, L. K., Molokyan, A. M.

TITLE: Adiabatic polymerization of monomers

PERIODICAL: Kauchuk i rezina, 1962, no. 3, 1 - 4

TEXT: Monomer polymerization was conducted under adiabatic conditions, i. e., without heat elimination (the experiments were begun in 1949). The latter yields rubbers of varied properties in addition to other technological advantages. Properties can be regulated by an appropriate change in the polymer portion, produced at raised or reduced temperatures, or by selecting the conditions of polymerization. The required chloroprene concentrations in the emulsion, needed to conduct polymerization at various temperatures, are calculated according to the following formula:

$$Q = (t_2 - t_1) \cdot \frac{100}{x} \cdot C_1 \quad (1)$$

where t_2 and t_1 are the emulsion temperatures at the end and beginning of the process, respectively; Q - the heat of polymerization of 1 kg monomer, cal.;

Card, 1/3

S/138/62/000/003/001/006
A051/A126

Adiabatic polymerization of monomers

x - the monomer concentration in the emulsion, %; C_1 - the latex specific heat. The copolymerization of chloroprene with other monomers almost completely eliminates the tendency of the rubber to crystallize under normal conditions. A study of the molecular-fractional composition of the polymers, produced by monomer polymerization under isothermal and adiabatic conditions revealed that the adiabatic chloroprene rubber was less polydispersed than the serial type: a smaller range of molecular weights, a greater portion of molecular weight parts, close to the average molecular weight, with a small decrease in the latter. The improved molecular-fractional composition of the chloroprene rubber is explained by a lower polymerization temperature at a low transformation depth, and a somewhat raised temperature at high transformation depth. Mixing was found to reduce the molecular weight of the polymer, maintaining the same nature of weight distribution of the molecular weights. In the last few years, the Yerevan Plant of Synthetic Rubber has manufactured test batches of chloroprene rubber by the adiabatic method, yielding favourable results when employed in the cable-manufacturing industry. The adiabatic method of polymerization is also recommended for polymerization of other monomers, both in emulsions as well as solutions. There are 6 figures.

Card 2/3

Adiabatic polymerization of monomers

5/138/62/000/003/001/000
051/A126

ASSOCIATION: Yerevanskiy zavod sinteticheskogo kauchuka im. S. M. Kirova
(Yerevan' Plant of Synthetic Rubber, im. S. M. Kirov)

Card 3/3

X

KALANTARYAN, M.A.

Chemical control of the field vole in the orchards of the Ararat
Lowland [in Armenian with summary in Russian] Izv. AN Arm.SSR. Biol.
i sel'khoz. nauki 2 no.3:283-290 '49. (MLBA 9:8)
(ARARAT REGION--RODENT CONTROL)

KALANTARYAN, M.A.

Results of testing zinc phosphide against field voles. Izv.AN Arm.
SSR.Biol.i sel'khoz.nauki 4. no.8:765-771 '51. (MLRA 9:8)

1. Institut fitopatologii i zoologii Akademii nauk Armyanskoy SSR.
(Armenia--Field mice) (Zinc phosphides)

KALANTARYAN, M. A.

"The Armenian Vole and Its Control." Cand Biol Sci, [No inst given], Acad Sci
Armenian SSR, Yerevan, 1954. (RZhBiol, No 8, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended
at USSR Higher Educational Institutions (16).

KALANTARYAN, R.B.

Technological progress in industry in the U.S.S.R. [in Armenian
with summary in Russian]. Nauch.trudy Brev.un. 56:3-21 '56 (MLBA 10:7)

1. Kafedra narkhozplanirovaniya.
(Technology)

AVDALYAN, N.A., inzh. (Yerevan); KALANTARYAN, S.M., inzh. (Yerevan)

Use of a system of direct connections in telegraph enterprises
of the Armenian S.S.R. Vest. sviazi 24 no.3:16-17 Mr '64.
(MIRA 17:4)

KALANTARYAN YE S., GAYKO B. A., CHELYSHEVA, K. M. i BOKSHTEYN,

1952. Immunodiagnostika ranney fazy askaridoza i yeye znacheniye v klinike i epidemiologii. Klinicheskaya meditsina, No 11.

KALANTARIYAN, Ye. V.

DECEASED

c. '64

1964

L 04431-67

ACC NR: AP6014222

SOURCE CODE: UR/0115/66/000/003/0005/0008

AUTHOR: Kalantayev, F. P.; Babichev, A. P.; Myasnikov, V. A.;
Sabinin, Yu. A.; Tarasenko, Yo. V.

44
B

ORG: none

TITLE: Using Hall generators in computing devices intended for automatic systems

SOURCE: Izmeritel'naya tekhnika, no. 3, 1966, 5-8

TOPIC TAGS: Hall generator, analog computer

ABSTRACT: The fundamental shortcomings of widely used sine-cosine rotary transformers are: slip rings and brushes, high cost, complexity, inapplicability of dc and rf. Hence, an idea is suggested which would involve two Hall generators placed at right angles to each other in a magnetic field produced by the poles of an

Card 1/2

UDC: 681.142.64

L 04431-67

ACC NR: AP6014222

0.

(electro)magnet. Three Hall generators shifted in space by 120° might serve as a synchro. By using a movable permanent magnet, a windingless and contactless design would be possible. Theoretical considerations re such a design, including formulas, pole-piece shapes, and error evaluation are set forth. A device based on these theoretical considerations "is being created at the present time." Orig. art. has: 4 figures and 11 formulas.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 001

awm

Card 2/2

KALANTAYEVSKAYA, A.A.; TAYBAGAROV, S.Ye.; VAL'KOVSKAYA, L.S.

Change in the microflora of tonsils under the influence of
conservative treatment. Zdrav. Kazakh. 23 no.2: 67-69'63.

(MIRA 16:10)

1. Iz Kazakhskogo instituta epidemiologii, mikrobiologii i gi-
gieny i kafedry bolezney ukh, gorla i nosa (zav. - prof.
B.V.Yelantseev) Kazakhskogo meditsinskogo instituta. (Nauchnyy
rukovoditel' - prof. Kh.ZH.Zhumatov).
(TONSILS--MICROBIOLOGY)

KALANTAYEVSKAYA, A.A.

Materials on the variability of the diphtheria bacillus in the
human organism. Zhur.mikrobiol.epid. i immun. no.8:86 Ag '54.
(MIRA 7:9)

1. Iz Kazakhskogo instituta epidemiologii, mikrobiologii i gigiyeny.
(CORYNEBACTERIUM DIPHTHERIAE)

KALANTAYEVSKAYA, A. A.: Master Med Sci (diss) -- "Material on the variability of the diphtheria microbe in the organism of man and animals". Alma-Ata, 1959. 11 pp (Kazakh State Med Inst), 300 copies (KL, No 16, 1959, 110)

KALANTAYEVSKAYA, A.V., inzh.

Improved planning of the modernization of industrial equipment.
Mashinostroenie no.6:11-12 N-D '64 (MIRA 18:2)

KALANTAYEVSKAYA, K.A.

Problem of development and morphology of hair in man.

Vest.ven.i derm. no.6:23-26 N-D '53.

(MLBA 6:12)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zavednyushchiy - dotsent S.A.Poplavskiy) Kazakhskogo meditsinskogo instituta (direktor S.R.Karynbayev).

(Hair)

KALANTAYEVSKAYA, K.A.

Interrelationship in the development of hair and of free subaceous glands on the human face. Vest.ven.i derm. no.2:16-20 Mr-Ap '54.
(MLRA 7:4)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zavednyushchiy - dotsent S.A.Poplavskiy) Kazakhskogo meditsinskogo instituta (direktor S.B.Karynbayev).
(Hair) (Sebaceous glands)

Name KALANT, YEVSKEYA, Kseniya Anisimovna

Dissertation On the Norm and Pathology of
Sebaceous Glands /Hystological,
clinico-Functional and Experimental
Studies/

Degree Doc Med Sci

Affiliation /not indicated/

Defense Date, Place 15 May 56, Council of Kazakh State
Med Inst imeni Molotov

Certification Date 15 Dec 56

Source BMVO 7/57

Country :USSR T
Category :Human and Animal Physiology, The Nervous System
Abs. Jour. :Ref Zhur Biol, No. 2, 1959, No. 8439
Author :Kalantayevskaya K. A.
Institut. :--
Title :The Functional State of the Nervous System and
Certain Internal Organs in Seborrheal Diseases.
Orig Pub. :Zdravookhr. Kazakhstana, 1958, No. 4, 28--34
Abstract :no abstract

Card: 1/1

KALANTAYEVSKAYA, K.A., doktor med.nauk

Effect of disorders of the thyroid gland and gonads on sebaceous glands; experimental study [with summary in English], Vest.derm. i ven. 32 no.5:3-10 S-O '58 (MIRA 11:11)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof. S.A. Poplavskiy) Kazakhskogo meditsinskogo instituta.

(SEBACEOUS GLANDS, physiol.

eff. of thyroid gland & gonad disord. in animals (Rus))

(THYROID GLAND, physiol.

eff. of excis. & hyperthyroidism on sebaceous glands in animals (Rus))

(GONADS, physiol.

eff. of excis. & hyperfunct. on sebaceous glands in animals (Rus))

KALANTAYEVSKAYA, K.A., prof.

Influence of castration on the histological structure of the skin
in animals. Vest.derm.i ven. no.8:3-9 '61. (MIRA 15:5)

1. Iz kafedry kozhnykh i venericheskikh bolezney Kazakhskogo
meditsinskogo instituta (dir. - dotsent R.I. Samarin).
(CASTRATION—PHYSIOLOGICAL EFFECT) (SKIN)

KALANTAYEVSKAYA, K.A., prof.; GURINA, I.G., mladshiy nauchnyy sotrudnik

Some morphological and functional characteristics of the skin
in old age. Vest.derm.i ven. no.12:8-13 '61. (MIRA 15:1)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof.
K.A. Kalantayevskaya) Kiyevskogo instituta usovershenstvovaniya
vrachey (dir. - dotsent M.N. Umovist) i Kazakhskogo kozhno-
venerologicheskogo instituta (dir. - kand.med.nauk M.O. Onarov).
(SKIN--AGING)

KALANTAYEVSKAYA, K. A., prof.; VASHCHENKOVA, A. P., kand. med. nauk

Reflex-vascular reactions of the skin in children on the
administration of adrenaline, histamine and nicotinic acid.
Vest. dermat. i ven. 36 no.7:19-23 JI '62. (MIRA 15:7)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof.
K. A. Kalantayevskaya) Kiyevskogo instituta usovershenstvovaniya
vrachey (dir. - dotsent M. N. Umovist)

(ADRENALINE) (HISTAMINE) (NICOTINIC ACID)
(SKIN—BLOOD SUPPLY)

KALANTAYEVSKAYA, K.A.

Effect of castration on the regenerative and protective function of the skin in animals. Vest. dermat. i ven. 37 no.2:3-6 F'63. (MIRA 16:10)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof. K.A.Kalantayevskaya) Kiyevskogo instituta usovershenstvovaniya vrachey.

PYATIKOP, A.I., dots., otv. red.; POTOTSKIY, I.I., prof., zam.
otv. red.; TSERAIDIS, G.S., st. nauchn. sotr., red.;
ZADOROZHNYI, B.A., dots., red.; KALANTAYEVSKAYA, K.A.,
prof., red.; YEVTUISHENKO, G.I., dots., red.; BOGDANOVICH,
S.N., dots., red.

[Occupational diseases and skin collagenoses] Professional'-
nye zabolevaniia i kollagenozy kozhi. Kiev, Zdorov'ia,
1965. 211 p. (MIRA 18:7)

1. Ukrainskiy nauchno-issledovatel'skiy kozhno-venerolo-
gicheskii institut. Problemnaya komissiya "Nauchnyye osnovy
dermato-venerologii". 2. Kafedra kozhnykh bolezney Kiyevskogo
meditsinskogo instituta (for Pototskiy). 3. Ukrainskiy
nauchno-issledovatel'skiy kozhno-venerologicheskii institut
(for TSeraidis).

KALANTIRENKO, I.I. [Kalantyrenko, I.I.]

Calculated bottom velocities on a downstream apron behind
spillway dams with block dampers on the apron. Dop. AN USSR
no.12:1583-1586 '62. (MIRA 1642)

1. Institut gidrologii i gidrotekhniki AN UkrSSR. Predstavleno
akademikom AN UkrSSR G.Ye. Pavlenko [Pavlenko, H.IE.].
(Hydraulics)

KALANTIRENKO, I.I. [Kalantyrenko, I.I.]

Evaluation of various types of "cartridge" baffles according to the
erosion effects of the current beyond them. Vist. Inst. hidrol. i
hidr. AN URSR 21:56-66 '62. (MIRA 16:4)
(Hydraulics)

KALANTOROV, Ye. I.

SOV/132-58-11-2/17

AUTHOR: None given

TITLE: Results of the All-Union Conference of Efficiency Experts, Inventors and Innovators of the Geological Prospecting and Topo-Geodetic Services of the USSR (Ob itogakh vsesoyuznogo soveshchaniya ratsionalizatorov, izobretateley i novatorov geologorazvedochnoy i topogodezicheskoy sluzhb SSSR)

PERIODICAL: Razvedka i okhrana nedr, 1958, Nr 11, pp 4-6 (USSR)

ABSTRACT: The above mentioned conference, which took place in Sverdlovsk from 7th to 11th of October 1958, was called by the Central Committee of the Trade Union of Geological Workers, the Ministry of Geology and of Conservation of Mineral Resources of the USSR, the Central Administration of Geodesy and Cartography of the MVD of USSR and the Central Board of the Nauchno-Tekhnicheskoye Gornoye Obshchestvo (the Scientific-Technical Mining Society). A total of 655 persons, representing various professional and scientific organizations participated. The conference heard reports by representatives of the following ministries and organizations: I.S. Burdyugov (Ministry of Geology and Conservation of Mineral Resources); V.N. Shishkin (the Central Administration of Geodesy and Cartography of the MVD USSR); Ye.L. Limanov (Ministry of Geology and Conservation of Mineral Resources)

Card 1/2

SOV/132-58-11-2/17

Results of the All-Union Conference of Efficiency Experts, Inventors and Innovators of the Geological Prospecting and Topo-Geodetic Services of the USSR

of the Kazakh SSR); the representatives of Central Administrations of Geology and Conservation of Mineral Resources of the RSFSR (K.P. Korshunov), Ukrainian SSR (P.I. Naydenov), and Uzbek SSR (R.Ya. Boyko). The Director of the Vsesoyuznyy institut tekhniki razvedki (the All-Union Institute of Prospecting Technique) reported on new drilling rigs and methods. He described a new drilling rig VITR-2000 now under construction, which will simplify and alleviate the work of the brigade, its hydraulic devices executing many difficult operations. The inventor R.Ya. Besspalov, from the Turkmengeofizika Trust, reported on a new adaption of the UShB-14 rig for auger drilling. Ye.I. Kalantorov reported on the first Soviet universal photo-grammetric device "SPR-2" for the compilation of maps from aerial photos. The members of the conference visited the Uralmash Plant and the Plant imeni Vorovskiy where they saw the new drilling rigs SBU-ZIV-300 for inclined drilling with hydraulic feed, and the automotive auger drilling rig UShB-14.

Card 2/2

KALANTYRYI, M.S.		PROCESSES AND PROPERTIES INDEX																																																																																																									
24		110																																																																																																									
<p>The significance of boron in plant reproduction. M.S. Kalantiryi. Doklady Vsesoyuz. Akad. Sel'sko-Khoz. Nauch. Issled. No. 15, 17-21 (1939); <i>Herbage Abstracts</i> 10, No. 2, 150 (1940).—The addn. of small amounts of B to NPK and CaCO_3 increased the development of the generative organs of lentil and pea (in soil cultures); the proportion of abortive florets was decreased. Deficiency of B in the soil, especially with excessive CaCO_3, resulted in increase of the abortive florets. Small quantities of B counteracted the effect of CaCO_3. S.S.</p>																																																																																																											
<p>ASY-35A METALLURGICAL LITERATURE CLASSIFICATION</p>																																																																																																											
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KALANTYR', M.S., kandidat biologicheskikh nauk.

Latex accumulation in eucennia in various geographical zones.
Agribiologiya no.4:115-119 J1-Ag '56. (MIRA 9:10)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut lesovedstva i
mekhanizatsii lesnogo khozyaystva.
(Latex) (Eucennia)

KALANTYR, M.S.

USSR/Cultivated Plants - Technical, Oil, and Sugar Plants.

M-4

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10899

Author : Kalantyr', M.S.

Inst : All-Union Scientific Research Institute of Forestry and
Mechanization of the Forest Economy.

Title : The Gutta Yield of Eucommia Plantations.

Orig Pub : Sb. rabot po lesn. kh-vu. Vses. n.-i. in-t lesovodstva i
mekhaniz. lesn. kh-va, 1956, No 32, 141-147

Abstract : The productivity of gutta accumulation was calculated on
the plantations of the southern subtropical regions. It
was determined that the largest growth increment of gutta-
bearing mass occurs in the third and fourth years of the
eucommia's growth. Under production conditions 100-120
kg./hectare of gutta is acquired from the leaves every
year. Certain definite agronomical measures are of

Card 1/2

14

KALANTYR, M. S.

USSR / Cultivated Plants. Plants for Technical Use.
Oil Plants. Sugar Plants.

M

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34757

Authors : Kalantyr, M. S.; Zabolkin, D. S.
Inst : All-Union Institute for Mechanized Forestry
Title : Large-Fruit Form of Eucommia.

Orig Pub : Sb. rabot n.i. in-ta lesovodstva i mekhaniz. lesn. khoz-va,
1956, vyp. 33, 52-62.

Abstract : Chinese gutta-percha trees (*Eucommia ulmoides*, Oliv.), bearing
fruits of large size, differ favorably by their high frost re-
sistance and their high yield in gutta from the small-fruit eu-
commia species, and are to be recommended for plantations on
an industrial scale and for seed production. Large-fruit type
eucommia enters the phase of fruit-bearing earlier than the
small-fruit species and differs from the latter through its
larger percentage of strong flowering varieties, as well as

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